ABSTRACT: Radio-based data communication is receiving a lot of attention in the
media, and some view the technology as a panacea for connectivity problems.
However, users need to be aware that while wireless communication provides freedom,
there are response time tradeoffs. Currently, wireless communication is limited for
certain applications. For example, users with a direct 3270 link to a host running a
10M-bps Ethernet network link receive much better performance than users linked via a
radio-based packet network. A good application for *wireless* communication is
electronic *mail*, which is a short, bursty application, while client/*server*
applications are less attractive on *wireless* networks due to slow response times.